

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

- 1.-6. (Cancelled)
7. (Previously Presented) A drug delivery system comprising:
a body manufactured from a composition consisting essentially of silica fibers, alumina fibers, and a boron nitride fusion source, wherein the fibers are fused together such that the body comprises a plurality of voids of a predetermined mean void size; and
one or more drugs.
8. (Previously Presented) The drug delivery system of claim 7, wherein a drug is an antibiotic.
9. (Previously Presented) The drug delivery system of claim 7, wherein the density of the body is between about 6 pounds per cubic foot and about 7 pounds per cubic foot.
10. (Previously Presented) The drug delivery system of claim 7, wherein the density of the body is between about 4 pounds per cubic foot and about 6 pounds per cubic foot.
11. (Previously Presented) The drug delivery system of claim 7, wherein the density of the body is between about 4 pounds per cubic foot and about 5 pounds per cubic foot.
12. (Previously Presented) The drug delivery system of claim 7, wherein the density of the body is between about 3 pounds per cubic foot and about 5 pounds per cubic foot.

13. (Previously Presented) The drug delivery system of claim 7, wherein the density of the body is up to about 12 pounds per cubic foot.

14. (Previously Presented) The drug delivery system of claim 7, wherein the density of the body is up to about 16 pounds per cubic foot.

15. (Previously Presented) The drug delivery system of claim 7, wherein the density of the body is up to about 39 pounds per cubic foot.

16. (Previously Presented) The drug delivery system of claim 7, wherein the body comprises spherical particles having a mean diameter of about 300 microns to about 500 microns.

17. (Previously Presented) The drug delivery system of claim 7, wherein a drug is a hormone.

18. (Previously Presented) The drug delivery system of claim 7, wherein a drug is penicillin.

19. (Previously Presented) The drug delivery system of claim 7, wherein a drug is methylprednisolone acetate.

20. (Previously Presented) The drug delivery system of claim 7, wherein a drug is norethisterone.

21. (Previously Presented) The drug delivery system of claim 7, further comprising cells.

22. (Previously Presented) The drug delivery system of claim 7, wherein the composition further comprises one or more biodegradable polymers.

23. (Cancelled)

24. (Previously Presented) The drug delivery system of claim ~~23~~ 7, wherein the composition further comprises silicon carbide.

25. (Previously Presented) The drug delivery system of claim 24, wherein the composition further comprises carbon fibers.

26. (Previously Presented) The drug delivery system of claim 24, wherein the density of the body ranges from about 3 pounds per cubic foot to about 12 pounds per cubic foot.

27. (Cancelled)

28. (Previously Presented) The drug delivery system of claim 7, further comprising a nutrient for cells.

29. (New) A drug delivery system comprising:
a rigid body manufactured from a composition consisting essentially of non-metal fibers and a fusion source, wherein the fibers are fused together such that the body comprises a plurality of voids of a predetermined mean void size, and one or more drugs.